NEW PROJECT REQUEST FORM
ES&H PROJECTS

For Data Reference Use Only

a. Facility Code b. ADS Number AA4D0041

Activity Data Sheet (ADS) Identification Section

3. ADS Title: _____Activated Soil From 002 Outfall Dredging Operations_____

3a. ADS Area: (Select 1 only) (X) ES&H ( ) Equally ES&H and Infrastructure or Program

4. Data Sheet Status Code: (Select 1 only) (X) Open ( ) Closed ( ) Hold ( ) Discontinued ( ) Void

13. Contractor Division __C-A Department_____
14. Contr. Department __ C-A Department _____
15. Contractor Manager ___J. Scott_____
16. Contractor Phone ___344-7520 _____

17. DOE Manager __P. Kelley_____
18. DOE Phone ___631-344-5784_____
Champion Email ___jscott@bnl.gov_____
Champion Pager ___631-453-5905_____

ES&H ADS Functional Areas

20. ES&H Functional Area Breakdown (Attach additional pages if necessary)
See Web Site: http://epweb.pe.bnl.gov/infrastructure/projects/projects.htm for listing

Functional Area	Sub-Area	% Total Cost
CW	05	100

Percentage of costs attributable to: 21. Training: _____ 22. Maintenance

ADS Type Section

23. ADS Type: (Select 1 only) ( ) Core (X) Compliance ( ) Improvement

24. Drivers (Attach additional pages as necessary)
See Web Site: http://epweb.pe.bnl.gov/infrastructure/projects/projects.htm for listing

Driver Type	Driver Code	Primary? (Just one)	Driver Title
DEF	DNFSB 94-2	X	94-2 Low Level Waste Disposal

25. Compliance Comments (Attach additional pages as necessary)

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26. ADS Description/Objective (Attach additional pages as necessary)

Provide a description of the activity. Include sufficient detail to allow a reader not previously knowledgeable of the activity to understand the activity's scope and what it is intended to accomplish.

This project will remove and dispose of approximately 2,000 cubic yards of low-level activated soil (low levels of Cobalt 60) that was dredged from the 002 outfall located by the inner ring of RHIC. Soils were dredged to maintain flow from roof drains, road drains and cooling systems located in the AGS complex. The activity will involve packaging the soil in super-sacks, moving the material from its present location to where the rail cars are located with disposal through EnviroCare.

27. ADS Appraisal/Justification (Attach additional pages as necessary)

Describe the risks/impact of not implementing or not continuing this activity and opportunities related to this activity. Discuss risks/benefits, if applicable, for Public Safety & Health, Site Personnel Safety & Health, Compliance, Mission Impact, Cost-effective Risk Management, and Environmental Impact. Describe any other significant impacts or considerations (e.g., cost avoidances, payback periods, etc.)

Benefit

1) A positive perception that BNL is managing and disposing its activated materials.

Risk/Vulnerability

1) Loss of trust of public/regulators if groundwater is contaminated or if there is a perception that we are not properly managing and disposing activated material.
2) Incorrect perception from public/regulators that RHIC is producing activated soils that are being transported too outfall 002.

Mitigating Actions

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37. Resource Structure Code (RSC): *(Check One)*

___	LIN	Line Item - Infrastructure	___	GPP/LL	GPP - Landlord (Site GPP Fund)
___	LIE	Line Item - ES&H	___	GPP/KA	GPP - High Energy Physics Specific
___	AIP/KA	AIP - High Energy Physics Specific	___	GPP/KB	GPP - Nuclear Physics Specific
___	AIP/KB	AIP - Nuclear Physics Specific	___	GPP/KC	GPP - Basic Energy Sciences Specific
___	AIP/KC	AIP - BES Specific (Former ARAM)	___	GPP/KP	GPP - OBER Specific
___	OPER	Operating Funds - Special Maintenance or ES&H Program Support			
___	OPER/XX	Department / Division Operating Funds (xx - 2 Digit Dept / Div. Code)			

(Note: If the ADS is funded from an allocable cost pool, provide B&R makeup.)

42. Activity Cost Estimate (x $1,000) 43. FTE Requirements

For departmental funded projects indicate cost expectations by FY. For all other projects place project total cost in the unfunded field.

	Estimated Implementation Costs in $1,000				**% ESH**	**FTEs** (to two decimals)	
Fiscal Year	Operating Expense (OE)	Capital Equipment (CE)	General Plant Project (GPP)	Line Item Project (LIP)		Federal	Contractor
Prior Year (PY) 1999							
Current Year (CY) 2000							
Budget Year (BY) 2001							
BY + 1 2002							
BY + 2 2003							
BY + 3 2004							
BY + 4 2005							
Unfunded* 2006							

* For Compliance activities with costs beyond BY + 4, enter total estimated cost to complete in the Unfunded row.

45. Cost Estimate Notes: (Provide information on estimate, source and date of estimate, if from an ILR give number, and whether or not engineering, project management, contingency and burden is included.)

Cost estimate is based on costs from recent soil removal by rail cars and given as a rough estimate from EWMS's C. Hamilton. It is based on a total quantity of 2,000 cubic yards.

1 70 Cu yds per car they need 26 cars
2 Each railcar is $9640.36 per car X 26 cars = $250,649 just for disposal
3 Transportation for this stuff by rail would roughly run $234,000 for $9,000 per car rail liner included
4 And for the loading operations including WM support is $2,000 per car $52,000
5 Total cost for disposal: $536,649.00